

WHAT IS CLAIMED IS:

1. A repairing structure of an integrated driving circuit for flat panel displays, in cooperation with at least one driver chip, comprising:

a plurality of video signal lines connected to the driver chip for
5 supplying video signals;

a multiplexer unit connected to said plurality of video signal lines;

a plurality of data lines connected to said multiplexer unit; and

a display area connected to said plurality of data lines so that at
10 least one driving circuit outputs said video signals to said multiplexer unit through said video signal lines and then data signals are output to said display area through said multiplexer unit and said plurality of data signal lines;

wherein said multiplexer unit further comprises at least one
15 dummy portion having a plurality of spare input-leads and a plurality of spare output-leads for repairing the connection between said multiplexer unit and said at least one driving circuit or the connection between said multiplexer unit and said display area.

2. The repairing structure of the integrated driving circuit of claim 1,
20 wherein said spare input-leads and said spare output-leads cross said video signal lines and said data lines respectively without any connection therebetween.

3. The repairing structure of the integrated driving circuit of claim 1, wherein said spare input-leads are used when said multiplexer unit fails to

connect at least one said video signal line connected to said at least one driving circuit, so that at least one said spare input-lead is connected to said at least one video signal line.

4. The repairing structure of the integrated driving circuit of claim 3,
5 wherein said at least one spare input-lead is connected to said at least one video signal line by laser repairing technology.

5. The repairing structure of the integrated driving circuit of claim 1,
wherein at least one said output-lead is connected to at least one said data line when said multiplexer unit fails to connect said at least one data line
10 connected to said display area.

6. The repairing structure of the integrated driving circuit of claim 5,
wherein said at least one output-lead is connected to said at least one data line by laser repairing technology.

7. The repairing structure of the integrated driving circuit of claim 1,
15 wherein said multiplexer unit is further connected to at least one control signal line to receive control signals output from said at least one control signal line, and at least one said spare input-lead is capable of repairing the connection between said at least one control signal line and said multiplexer unit.

20 8. The repairing structure of the integrated driving circuit of claim 1,
wherein said multiplexer unit has input connecting lines including said spare input-leads, said video signal lines and said at least one control signal line, and the number of said input connecting lines is more than that of said video signal lines.